

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103757.D
 Acq On : 19 Mar 2018 15:17
 Operator : JU/SJ
 Sample : J1756-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-031518

Quant Time: Mar 19 17:04:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

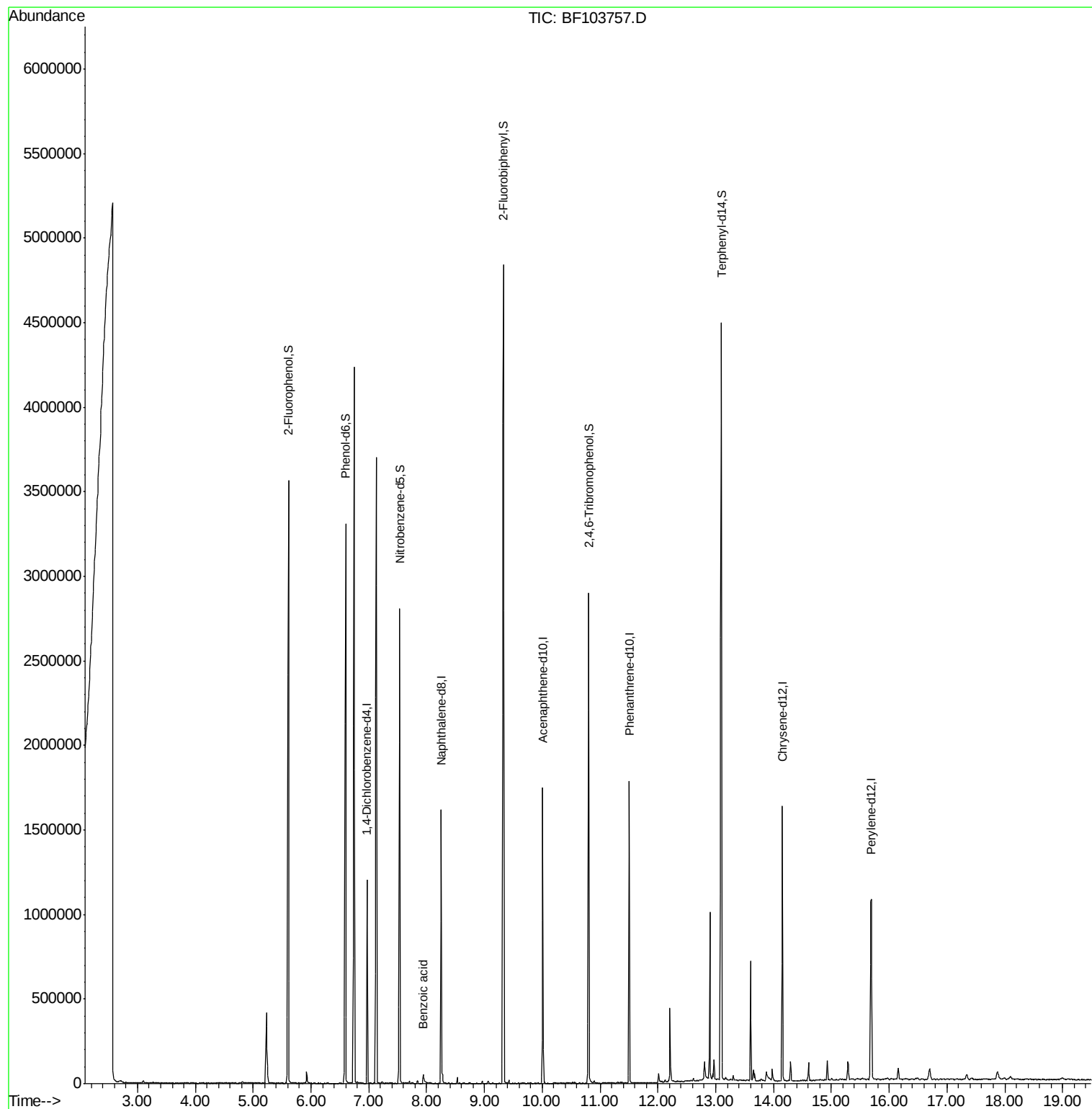
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	169291	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	686650	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	333918	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	606956	20.00	ng	0.00
75) Chrysene-d12	14.15	240	542118	20.00	ng	-0.01
86) Perylene-d12	15.69	264	472760	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1267315	113.86	ng	0.02
7) Phenol-d6	6.60	99	1419692	104.26	ng	0.00
23) Nitrobenzene-d5	7.53	82	1101069	111.82	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	447411	155.84	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1763220	84.23	ng	0.00
78) Terphenyl-d14	13.10	244	1929320	82.61	ng	0.00
Target Compounds						
32) Benzoic acid	7.95	122	16708	11.830	ng	Qvalue 97

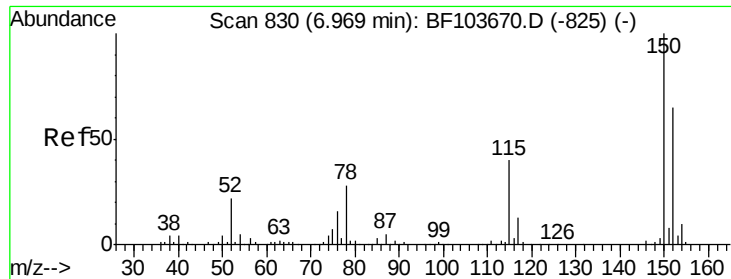
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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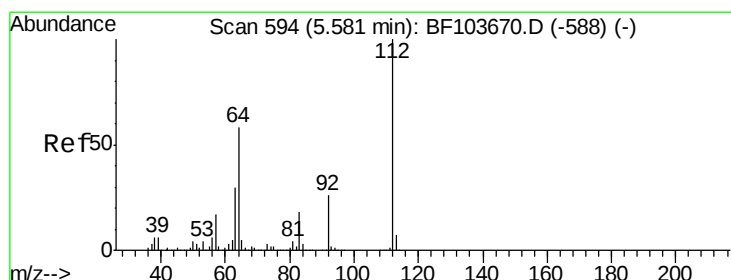
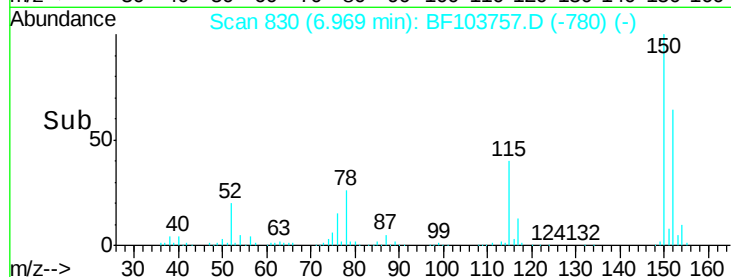
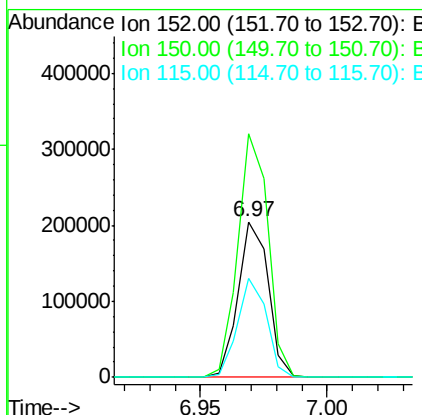
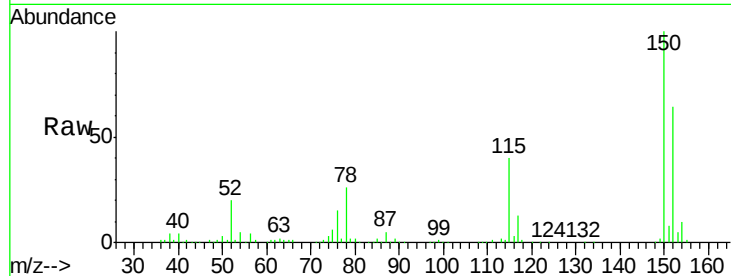


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Instrument :
BNA_F
ClientSampleId :
OR-02-031518

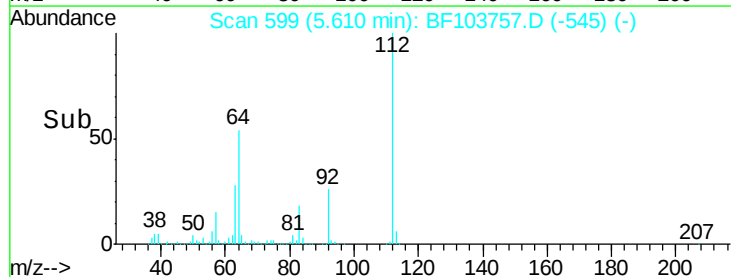
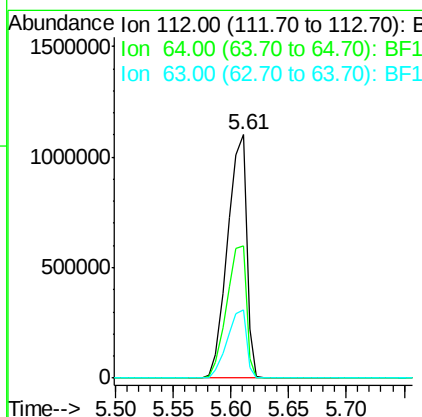
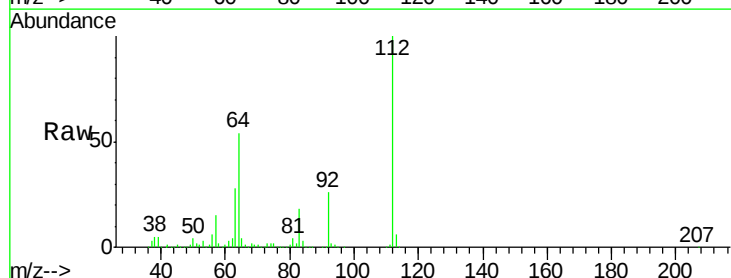
Tot Ion:152 Resp: 169291
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 63.2 50.1 75.1

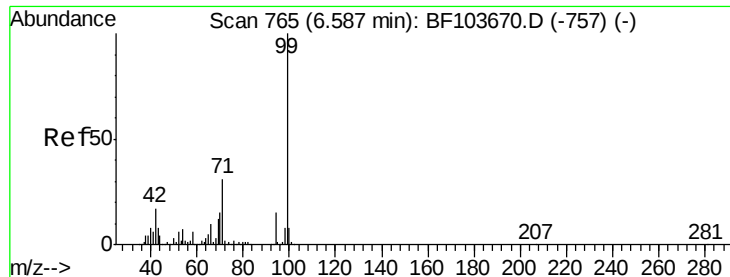


#5

2-Fluorophenol
Concen: 113.862 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Tgt Ion:112 Resp: 1267315
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 27.8 23.7 35.5





#7

Phenol-d6

Concen: 104.258 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

Instrument :

BNA_F

ClientSampleId :

OR-02-031518

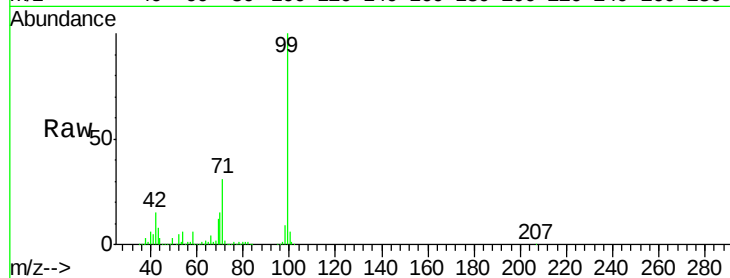
Tot Ion: 99 Resp: 1419692

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

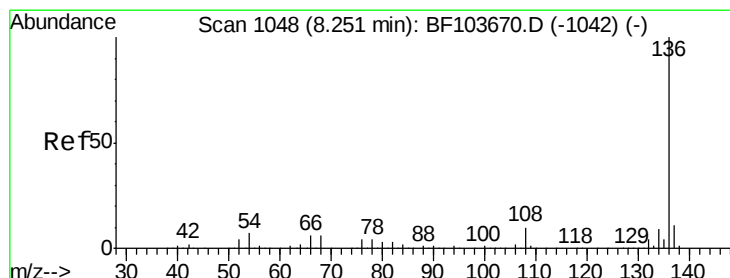
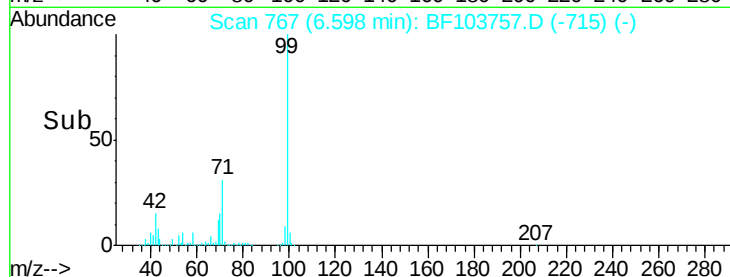
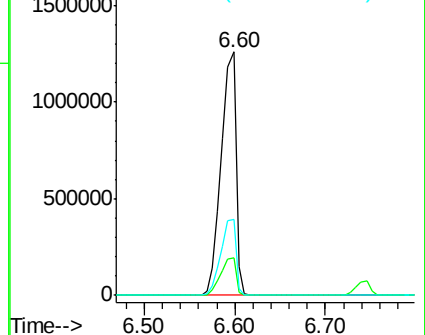
71 31.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

Tgt Ion: 136 Resp: 686650

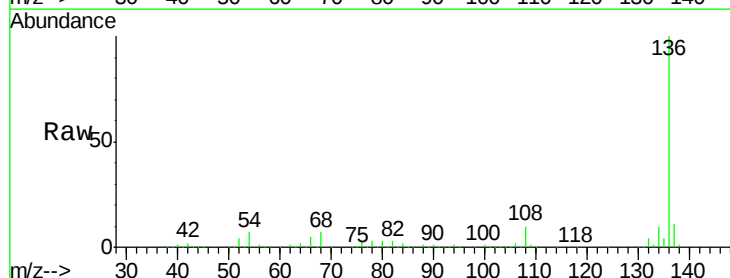
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.5 6.6 9.8

68 6.5 5.0 7.4

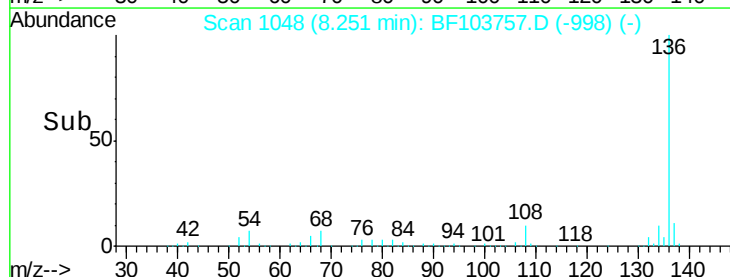
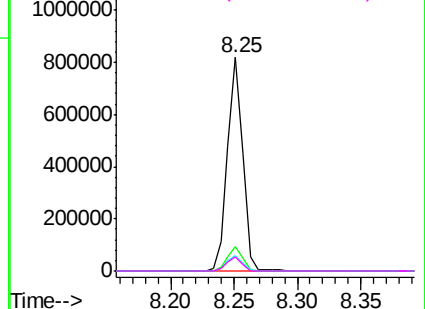


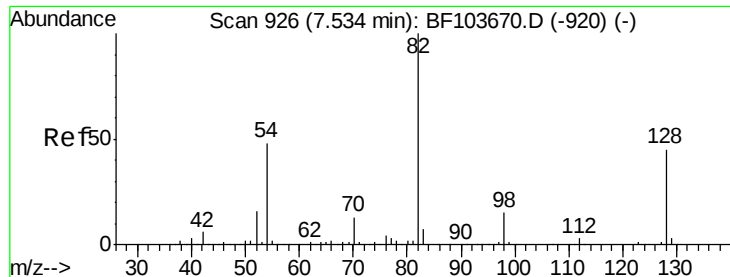
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

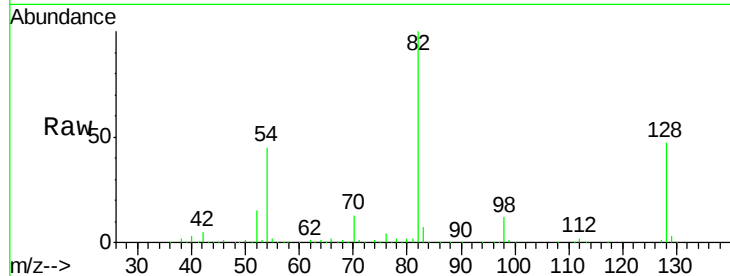




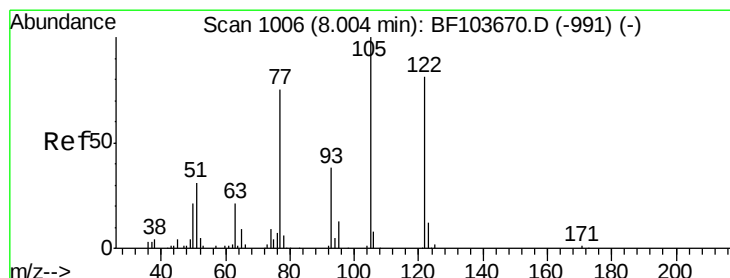
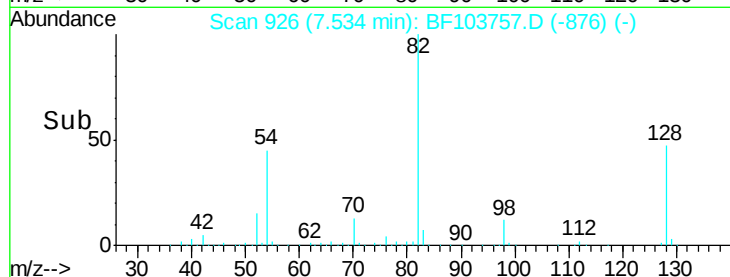
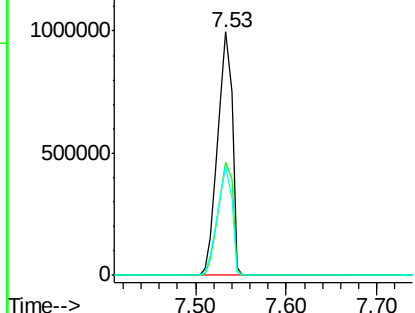
#23
 Nitrobenzene-d5
 Concen: 111.824 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103757.D
 Acq: 19 Mar 2018 15:17

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-031518

Tot Ion: 82 Resp: 1101069
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 44.8 41.4 62.2

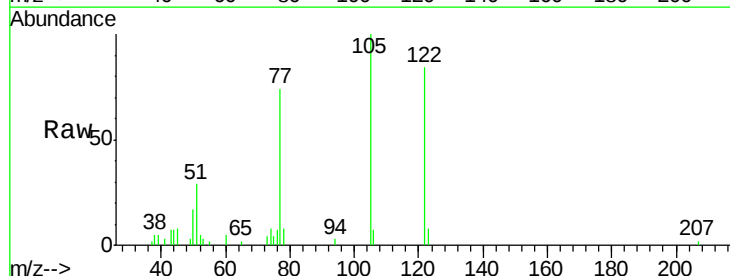


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

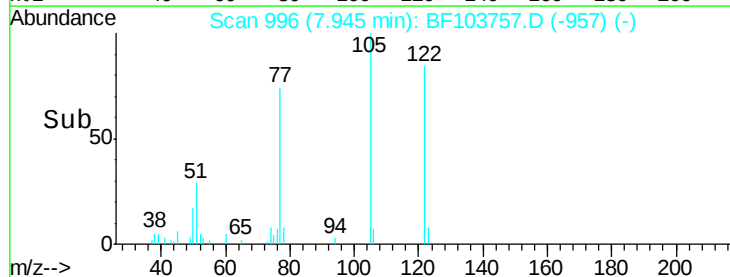
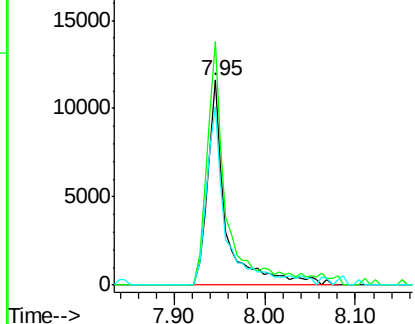


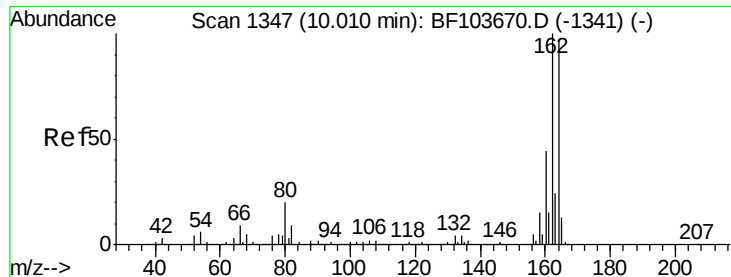
#32
 Benzoic acid
 Concen: 11.830 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.07 min
 Lab File: BF103757.D
 Acq: 19 Mar 2018 15:17

Tgt Ion:122 Resp: 16708
 Ion Ratio Lower Upper
 122 100
 105 118.7 101.1 141.1
 77 87.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

Instrument :

BNA_F

ClientSampleId :

OR-02-031518

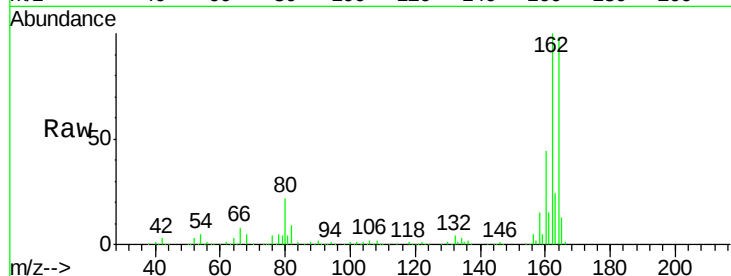
Tot Ion:164 Resp: 333918

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

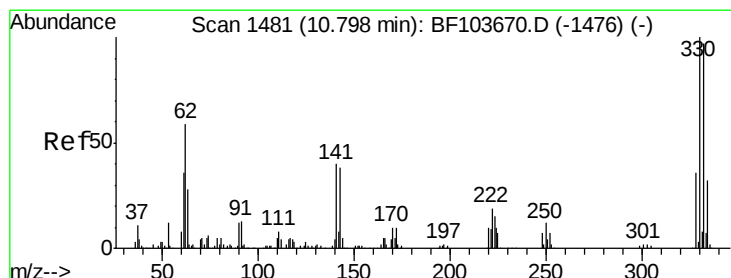
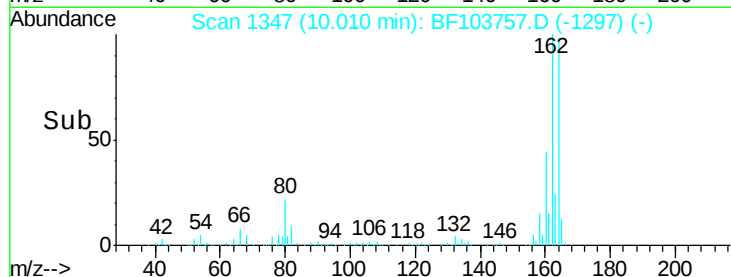
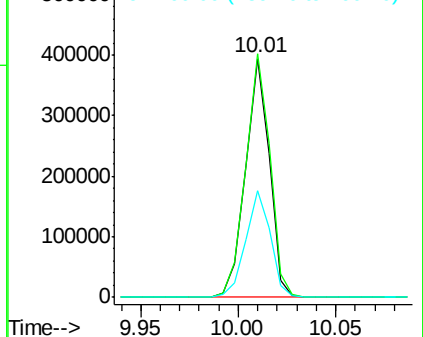
160 44.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 155.835 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

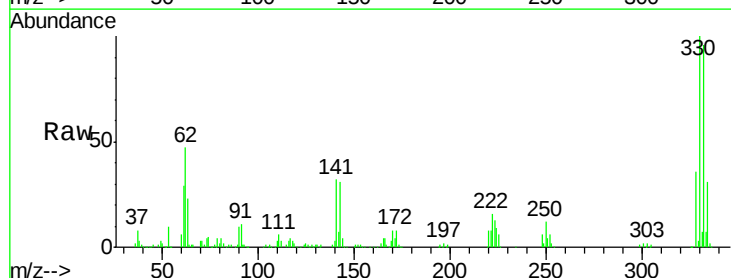
Tgt Ion:330 Resp: 447411

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

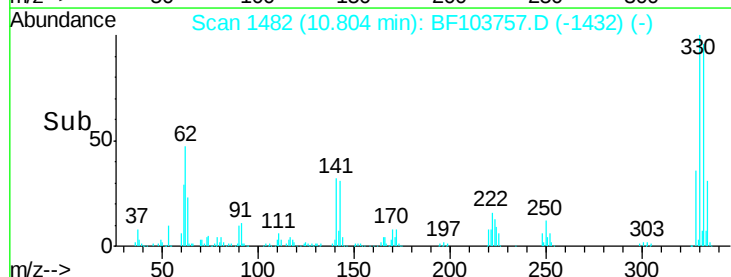
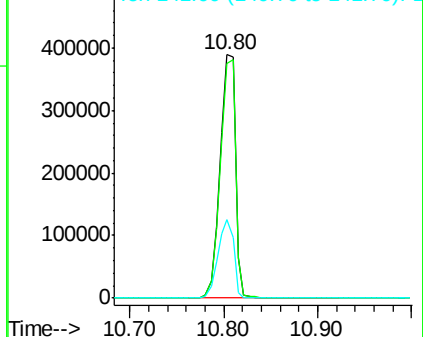
141 32.8 29.9 44.9

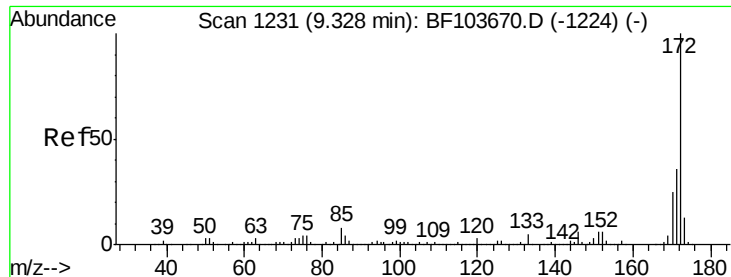


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

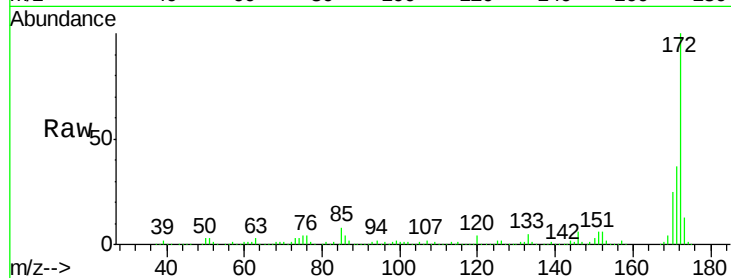




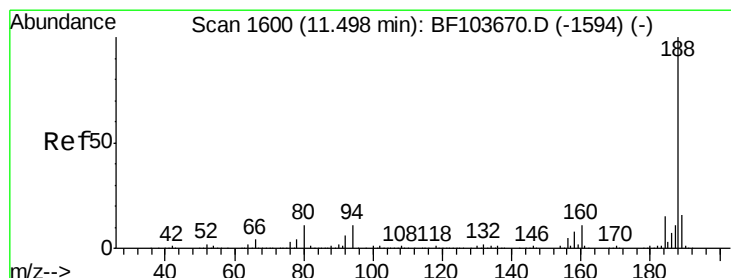
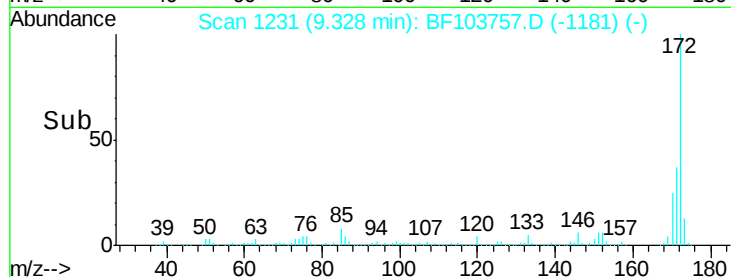
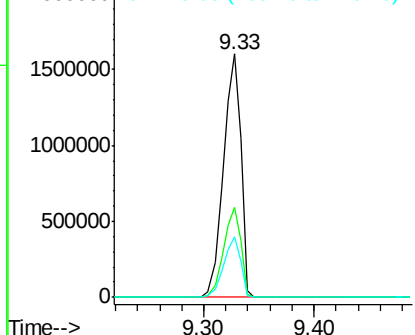
#44
2-Fluorobiphenyl
Concen: 84.230 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Instrument :
BNA_F
ClientSampleId :
OR-02-031518

Tot Ion:172 Resp: 1763220
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.7 19.6 29.4

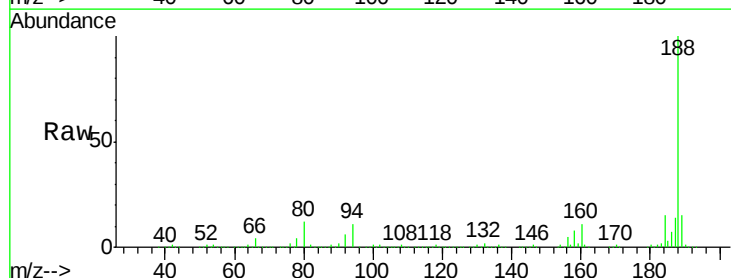


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

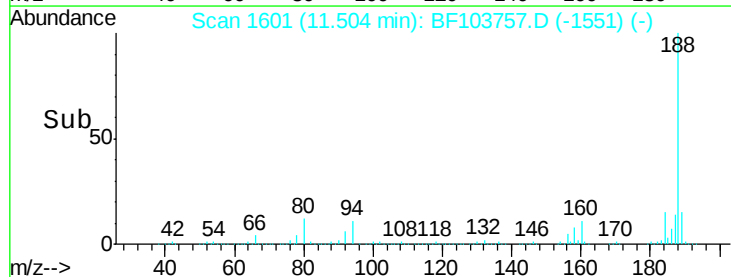
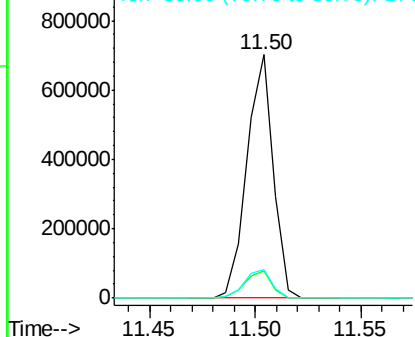


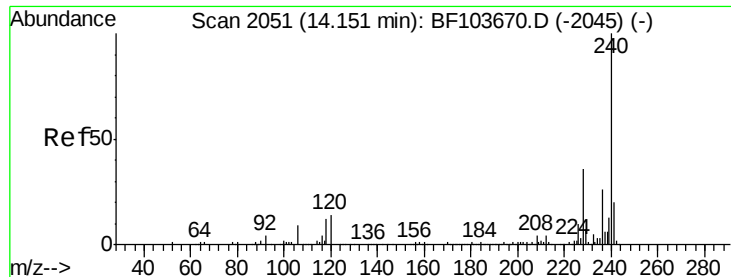
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Tgt Ion:188 Resp: 606956
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

Instrument :

BNA_F

ClientSampleId :

OR-02-031518

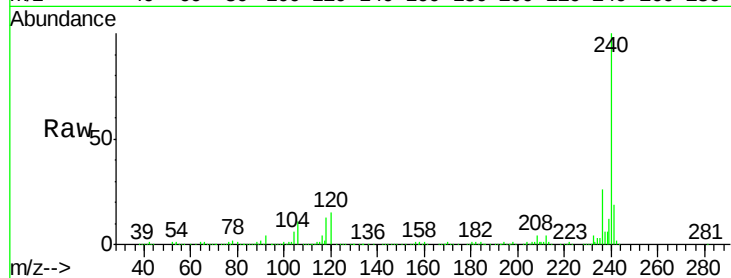
Tot Ion:240 Resp: 542118

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

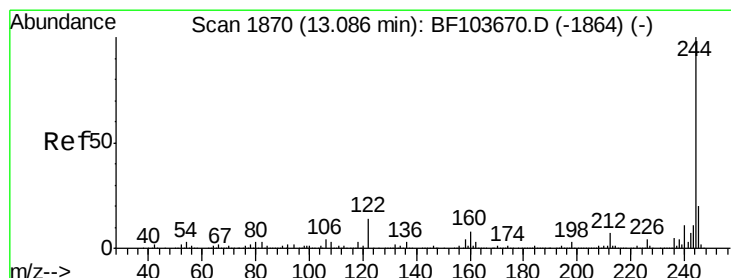
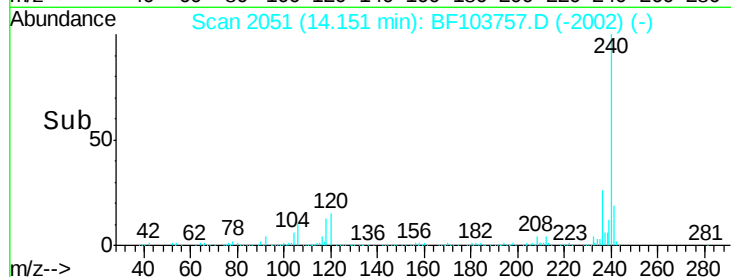
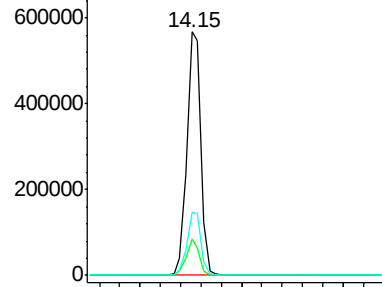
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 82.606 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103757.D

Acq: 19 Mar 2018 15:17

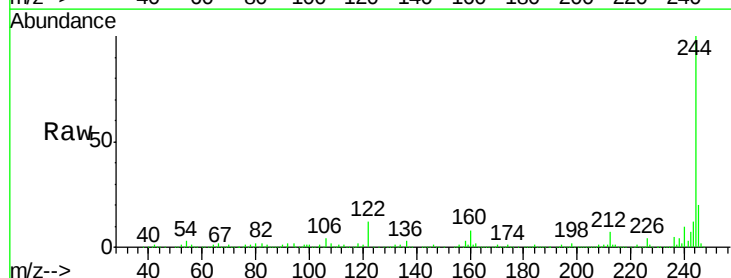
Tgt Ion:244 Resp: 1929320

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

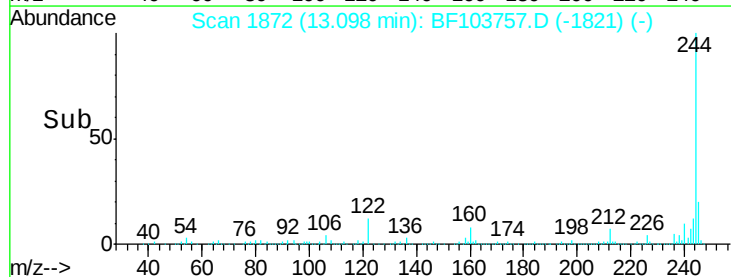
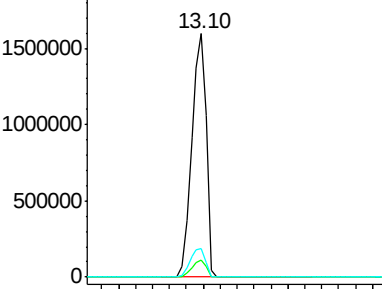
122 11.9 11.0 16.4

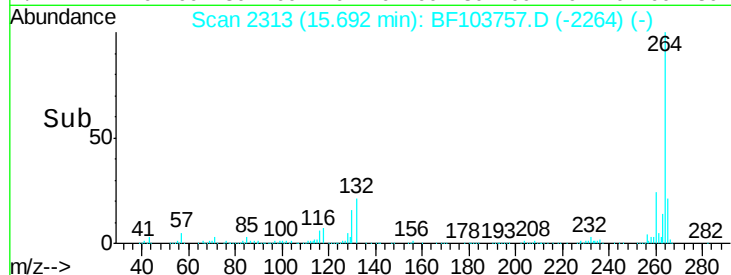
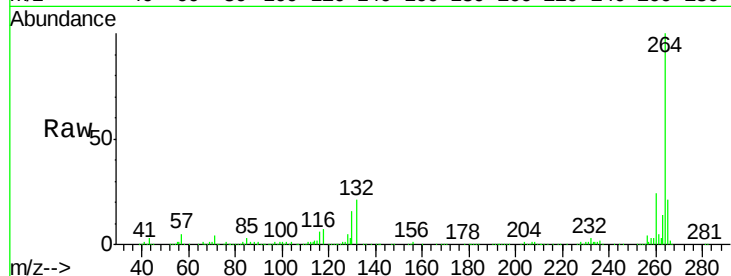
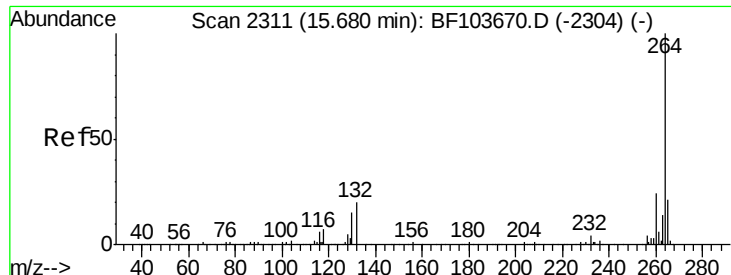


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF103757.D
Acq: 19 Mar 2018 15:17

Instrument :
BNA_F
ClientSampleId :
OR-02-031518

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.1	17.5	26.3

